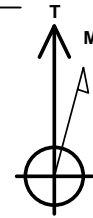


BILL BARRETT CORP
Merritt 6-66-9-0560BH
WELD COUNTY, COLORADO

Geodetic System: US State Plane 1983
Zone: Colorado Northern Zone
Revised @ 4844.0usft (Nabors 22)
Ground Level: 4822.0
Latitude: 40° 30' 33.552 N
Longitude: 104° 46' 52.284 W

Magnetic North is 8.59° East of True North (Magnetic Declination)



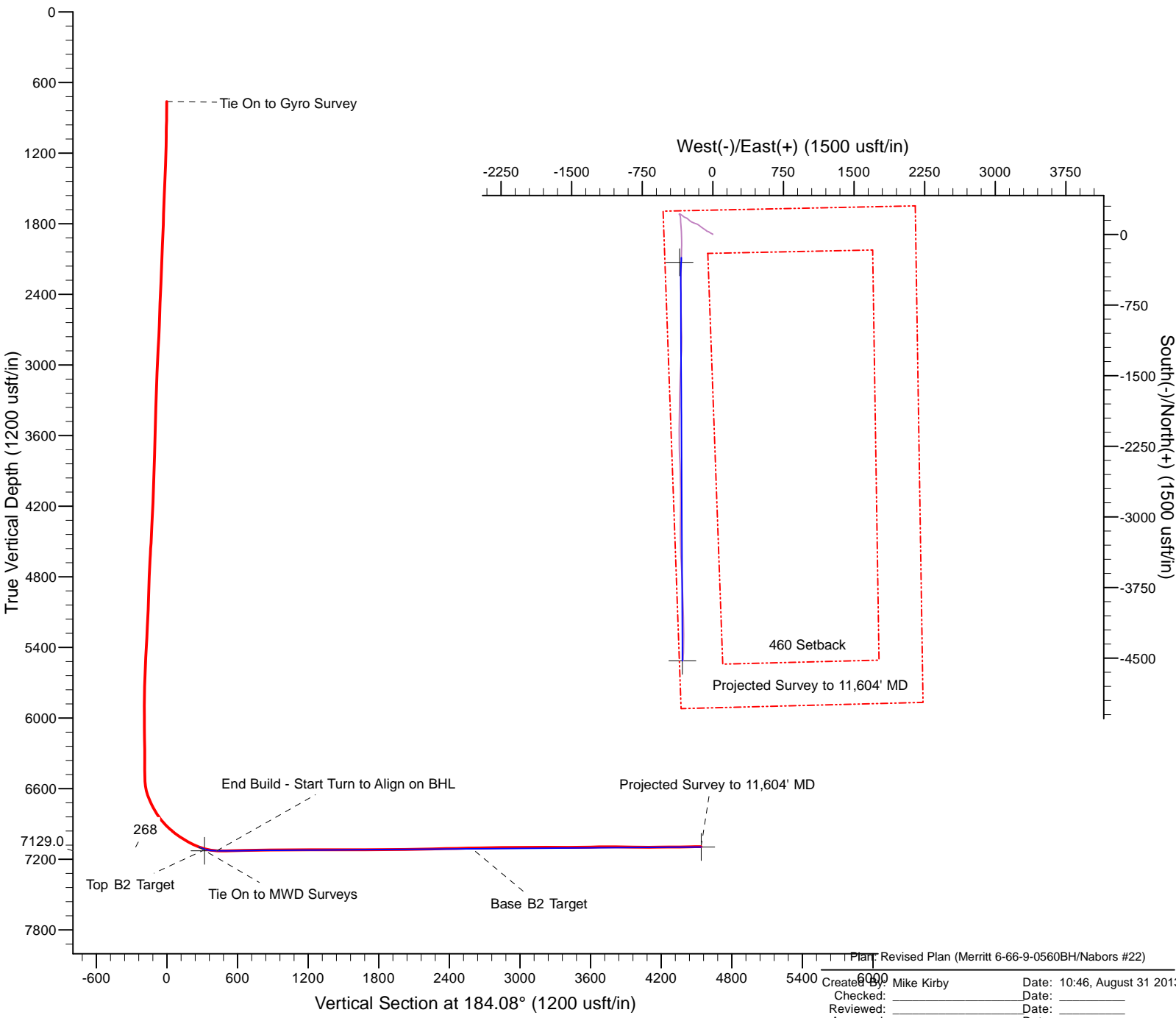
Azimuths to True North
Magnetic North: 8.59°

Magnetic Field
Strength: 52957.2snT
Dip Angle: 67.06°
Date: 8/19/2013
Model: IGRF2010

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect
7315.0	67.10	182.00	7095.7	-244.8	-334.9	0.00	0.00	268.0
7328.0	67.10	182.00	7100.8	-256.8	-335.3	0.00	0.00	280.0
7474.1	90.47	182.00	7129.0	-399.0	-340.3	16.00	0.00	422.2
7530.6	90.46	179.74	7128.5	-455.5	-341.1	4.00	-90.40	478.6
11603.6	90.46	179.74	7096.0	-4528.3	-322.7	0.00	0.00	4539.8

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
M 0560BH PB#116.6	7376.8	Top B2 Target



Plat: Revised Plan (Merritt 6-66-9-0560BH/Nabors #22)
Created: 6/30/13
Checked: Mike Kirby
Reviewed: _____
Approved: x
Date: 10:46, August 31 2013
Date: _____
Date: _____
Date: x

Survey Report

Company:	BILL BARRETT CORP	Local Co-ordinate Reference:	Site Merritt 6-66-9 Pad
Project:	WELD COUNTY, COLORADO	TVD Reference:	Revised @ 4844.0usft (Nabors 22)
Site:	Merritt 6-66-9 Pad	MD Reference:	Revised @ 4844.0usft (Nabors 22)
Well:	Merritt 6-66-9-0560BH	North Reference:	True
Wellbore:	Nabors #22	Survey Calculation Method:	Minimum Curvature
Design:	Nabors #22	Database:	Rocky Mountain R5000 Database

Project	WELD COUNTY, COLORADO		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Colorado Northern Zone		

Site	Merritt 6-66-9 Pad		
Site Position:		Northing:	1,429,195.92 usft
From:	Lat/Long	Easting:	3,199,871.01 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	40° 30' 33.552 N
		Longitude:	104° 46' 52.284 W
		Grid Convergence:	0.46 °

Well	Merritt 6-66-9-0560BH		
Well Position	+N/-S	0.0 usft	Northing: 1,429,195.92 usft
	+E/-W	0.0 usft	Easting: 3,199,871.01 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:	4,844.0 usft
		Latitude:	40° 30' 33.552 N
		Longitude:	104° 46' 52.284 W
		Ground Level:	4,822.0 usft

Wellbore	Nabors #22		
Magnetics	Model Name	Sample Date	Declination (°)
	IGRF2010	8/19/2013	8.59
			Dip Angle (°)
			67.06
			Field Strength (nT)
			52,957

Design	Nabors #22		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)
	0.0	0.0	0.0
			Direction (°)
			184.07

Survey Program	Date	8/31/2013		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
763.0	11,604.0	Final Survey Report (Nabors #22)	MWD	MWD - Standard

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
763.0	0.79	8.57	763.0	2.6	-1.0	-2.6	0.00	0.00	0.00
Tie On to Gyro Survey									
876.0	0.60	39.50	876.0	3.9	-0.5	-3.8	0.37	-0.17	27.37
970.0	1.80	306.60	969.9	5.1	-1.4	-5.0	2.05	1.28	-98.83
1,062.0	2.90	276.30	1,061.9	6.2	-4.8	-5.9	1.76	1.20	-32.93
1,154.0	3.40	302.40	1,153.7	8.0	-9.5	-7.3	1.63	0.54	28.37
1,246.0	5.10	303.10	1,245.5	11.7	-15.2	-10.5	1.85	1.85	0.76
1,339.0	5.40	301.00	1,338.1	16.2	-22.4	-14.5	0.38	0.32	-2.26
1,430.0	5.30	300.70	1,428.7	20.5	-29.7	-18.4	0.11	-0.11	-0.33
1,526.0	5.10	301.50	1,524.3	25.0	-37.1	-22.3	0.22	-0.21	0.83
1,622.0	4.90	298.30	1,619.9	29.2	-44.4	-26.0	0.36	-0.21	-3.33

Survey Report

Company:	BILL BARRETT CORP	Local Co-ordinate Reference:	Site Merritt 6-66-9 Pad
Project:	WELD COUNTY, COLORADO	TVD Reference:	Revised @ 4844.0usft (Nabors 22)
Site:	Merritt 6-66-9 Pad	MD Reference:	Revised @ 4844.0usft (Nabors 22)
Well:	Merritt 6-66-9-0560BH	North Reference:	True
Wellbore:	Nabors #22	Survey Calculation Method:	Minimum Curvature
Design:	Nabors #22	Database:	Rocky Mountain R5000 Database

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
1,717.0	4.40	291.60	1,714.6	32.5	-51.3	-28.7	0.78	-0.53	-7.05
1,813.0	5.60	294.60	1,810.2	35.8	-59.0	-31.5	1.28	1.25	3.13
1,908.0	5.90	301.50	1,904.8	40.2	-67.4	-35.4	0.79	0.32	7.26
2,004.0	5.00	314.70	2,000.3	45.8	-74.6	-40.3	1.60	-0.94	13.75
2,099.0	4.00	301.20	2,095.0	50.4	-80.4	-44.6	1.53	-1.05	-14.21
2,194.0	3.30	298.80	2,189.8	53.4	-85.6	-47.2	0.75	-0.74	-2.53
2,290.0	4.90	311.10	2,285.6	57.4	-91.1	-50.8	1.89	1.67	12.81
2,385.0	5.00	303.60	2,380.2	62.4	-97.6	-55.3	0.69	0.11	-7.89
2,479.0	4.50	300.10	2,473.9	66.5	-104.2	-59.0	0.61	-0.53	-3.72
2,575.0	4.20	298.50	2,569.6	70.1	-110.6	-62.1	0.34	-0.31	-1.67
2,669.0	4.60	304.50	2,663.4	73.9	-116.7	-65.4	0.65	0.43	6.38
2,765.0	4.80	311.50	2,759.1	78.7	-122.9	-69.8	0.63	0.21	7.29
2,859.0	4.70	309.40	2,852.7	83.8	-128.8	-74.4	0.21	-0.11	-2.23
2,954.0	4.00	308.10	2,947.5	88.3	-134.4	-78.5	0.74	-0.74	-1.37
3,050.0	5.30	306.80	3,043.1	93.0	-140.6	-82.8	1.36	1.35	-1.35
3,145.0	5.10	307.30	3,137.7	98.2	-147.5	-87.5	0.22	-0.21	0.53
3,240.0	4.50	304.90	3,232.4	102.9	-153.9	-91.7	0.67	-0.63	-2.53
3,336.0	3.90	303.60	3,328.2	106.8	-159.7	-95.2	0.63	-0.63	-1.35
3,432.0	4.40	289.60	3,423.9	109.9	-165.9	-97.8	1.17	0.52	-14.58
3,527.0	4.50	293.90	3,518.6	112.6	-172.7	-100.1	0.37	0.11	4.53
3,623.0	4.00	292.20	3,614.4	115.4	-179.3	-102.4	0.54	-0.52	-1.77
3,717.0	5.40	290.30	3,708.0	118.2	-186.4	-104.6	1.50	1.49	-2.02
3,812.0	5.30	288.90	3,802.6	121.1	-194.8	-107.0	0.17	-0.11	-1.47
3,907.0	5.50	287.80	3,897.2	124.0	-203.3	-109.2	0.24	0.21	-1.16
4,003.0	6.70	295.10	3,992.7	127.7	-212.7	-112.3	1.49	1.25	7.60
4,098.0	6.60	293.60	4,087.0	132.3	-222.8	-116.1	0.21	-0.11	-1.58
4,194.0	6.10	304.10	4,182.4	137.3	-232.0	-120.5	1.31	-0.52	10.94
4,289.0	5.20	308.50	4,277.0	142.9	-239.6	-125.5	1.05	-0.95	4.63
4,384.0	4.10	309.70	4,371.7	147.7	-245.6	-129.9	1.16	-1.16	1.26
4,480.0	4.40	307.80	4,467.4	152.2	-251.1	-133.9	0.35	0.31	-1.98
4,574.0	6.00	312.30	4,561.0	157.7	-257.6	-139.0	1.76	1.70	4.79
4,669.0	5.00	312.70	4,655.6	163.8	-264.3	-144.6	1.05	-1.05	0.42
4,765.0	3.60	315.90	4,751.3	168.8	-269.5	-149.3	1.48	-1.46	3.33
4,861.0	4.30	302.20	4,847.1	172.9	-274.6	-153.0	1.22	0.73	-14.27
4,956.0	5.10	292.00	4,941.7	176.4	-281.6	-156.0	1.21	0.84	-10.74
5,050.0	6.70	291.50	5,035.2	180.0	-290.5	-158.9	1.70	1.70	-0.53
5,145.0	6.50	293.60	5,129.6	184.1	-300.6	-162.3	0.33	-0.21	2.21
5,240.0	6.00	308.60	5,224.1	189.4	-309.4	-167.0	1.79	-0.53	15.79
5,335.0	5.00	309.90	5,318.6	195.1	-316.5	-172.2	1.06	-1.05	1.37
5,431.0	5.10	308.40	5,414.2	200.5	-323.0	-177.0	0.17	0.10	-1.56
5,525.0	4.10	310.80	5,507.9	205.3	-328.9	-181.4	1.08	-1.06	2.55
5,620.0	5.00	306.90	5,602.6	210.0	-334.7	-185.7	1.00	0.95	-4.11
5,716.0	4.10	296.80	5,698.3	214.0	-341.1	-189.3	1.25	-0.94	-10.52

Survey Report

Company:	BILL BARRETT CORP	Local Co-ordinate Reference:	Site Merritt 6-66-9 Pad
Project:	WELD COUNTY, COLORADO	TVD Reference:	Revised @ 4844.0usft (Nabors 22)
Site:	Merritt 6-66-9 Pad	MD Reference:	Revised @ 4844.0usft (Nabors 22)
Well:	Merritt 6-66-9-0560BH	North Reference:	True
Wellbore:	Nabors #22	Survey Calculation Method:	Minimum Curvature
Design:	Nabors #22	Database:	Rocky Mountain R5000 Database

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,811.0	2.90	291.30	5,793.2	216.4	-346.4	-191.3	1.31	-1.26	-5.79
5,906.0	2.20	277.70	5,888.1	217.6	-350.5	-192.1	0.97	-0.74	-14.32
6,001.0	1.50	273.70	5,983.0	217.9	-353.5	-192.2	0.75	-0.74	-4.21
6,096.0	1.00	260.10	6,078.0	217.8	-355.6	-192.0	0.61	-0.53	-14.32
6,191.0	0.80	214.90	6,173.0	217.1	-356.8	-191.3	0.75	-0.21	-47.58
6,286.0	0.80	187.00	6,268.0	215.9	-357.2	-190.0	0.41	0.00	-29.37
6,381.0	0.50	94.90	6,363.0	215.2	-356.9	-189.4	1.01	-0.32	-96.95
6,476.0	0.70	96.60	6,458.0	215.1	-355.9	-189.3	0.21	0.21	1.79
6,506.0	0.90	110.20	6,488.0	215.0	-355.5	-189.3	0.91	0.67	45.33
6,538.0	2.80	133.40	6,519.9	214.4	-354.7	-188.7	6.26	5.94	72.50
6,570.0	6.50	146.60	6,551.8	212.4	-353.1	-186.8	11.96	11.56	41.25
6,602.0	10.80	154.00	6,583.5	208.1	-350.8	-182.7	13.85	13.44	23.13
6,634.0	14.60	160.60	6,614.7	201.6	-348.2	-176.4	12.69	11.88	20.63
6,666.0	18.20	166.80	6,645.4	193.0	-345.7	-168.0	12.49	11.25	19.38
6,697.0	21.50	175.30	6,674.5	182.6	-344.1	-157.7	14.12	10.65	27.42
6,729.0	24.60	179.10	6,704.0	170.1	-343.5	-145.3	10.74	9.69	11.88
6,760.0	25.60	179.30	6,732.0	156.9	-343.3	-132.2	3.24	3.23	0.65
6,792.0	28.90	176.50	6,760.5	142.3	-342.8	-117.6	11.06	10.31	-8.75
6,824.0	29.50	175.90	6,788.4	126.7	-341.7	-102.2	2.09	1.88	-1.88
6,856.0	31.70	174.10	6,816.0	110.5	-340.3	-86.1	7.45	6.88	-5.63
6,887.0	36.00	174.40	6,841.7	93.3	-338.6	-69.1	13.88	13.87	0.97
6,919.0	39.90	175.80	6,866.9	73.7	-336.9	-49.6	12.48	12.19	4.38
6,951.0	42.20	176.80	6,891.1	52.8	-335.6	-28.8	7.47	7.19	3.13
6,982.0	44.90	178.20	6,913.5	31.4	-334.6	-7.6	9.25	8.71	4.52
7,015.0	47.40	178.20	6,936.4	7.6	-333.9	16.1	7.58	7.58	0.00
7,047.0	49.90	177.70	6,957.5	-16.4	-333.0	40.0	7.90	7.81	-1.56
7,078.0	52.00	177.00	6,977.1	-40.4	-331.9	63.9	7.00	6.77	-2.26
7,110.0	55.10	178.40	6,996.1	-66.1	-330.9	89.5	10.31	9.69	4.38
7,142.0	57.00	179.90	7,013.9	-92.7	-330.5	115.9	7.10	5.94	4.69
7,174.0	59.20	181.60	7,030.9	-119.8	-330.9	143.0	8.22	6.88	5.31
7,205.0	60.10	182.30	7,046.5	-146.6	-331.8	169.7	3.50	2.90	2.26
7,237.0	61.80	182.00	7,062.1	-174.5	-332.8	197.7	5.38	5.31	-0.94
7,268.0	63.90	181.30	7,076.2	-202.1	-333.6	225.3	7.07	6.77	-2.26
7,299.0	66.50	181.00	7,089.2	-230.2	-334.2	253.4	8.43	8.39	-0.97
7,315.0	68.40	180.90	7,095.3	-245.0	-334.4	268.1	11.89	11.87	-0.63
7"									
7,331.0	70.30	180.80	7,101.0	-260.0	-334.6	283.1	11.89	11.88	-0.62
7,362.0	75.20	181.90	7,110.2	-289.6	-335.3	312.6	16.17	15.81	3.55
7,372.2	76.16	181.71	7,112.7	-299.4	-335.7	322.5	9.55	9.37	-1.89
M 0560BH LP									
7,394.0	78.20	181.30	7,117.5	-320.7	-336.2	343.7	9.55	9.38	-1.87
7,425.0	82.00	181.40	7,122.9	-351.2	-336.9	374.2	12.26	12.26	0.32
7,457.0	85.10	180.90	7,126.5	-383.0	-337.6	406.0	9.81	9.69	-1.56
7,489.0	87.30	180.00	7,128.6	-414.9	-337.8	437.9	7.43	6.88	-2.81

Survey Report

Company:	BILL BARRETT CORP	Local Co-ordinate Reference:	Site Merritt 6-66-9 Pad
Project:	WELD COUNTY, COLORADO	TVD Reference:	Revised @ 4844.0usft (Nabors 22)
Site:	Merritt 6-66-9 Pad	MD Reference:	Revised @ 4844.0usft (Nabors 22)
Well:	Merritt 6-66-9-0560BH	North Reference:	True
Wellbore:	Nabors #22	Survey Calculation Method:	Minimum Curvature
Design:	Nabors #22	Database:	Rocky Mountain R5000 Database

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
7,520.0	88.40	180.10	7,129.7	-445.9	-337.9	468.8	3.56	3.55	0.32
7,552.0	91.40	180.30	7,129.8	-477.9	-338.0	500.7	9.40	9.38	0.63
7,584.0	92.60	180.20	7,128.7	-509.9	-338.1	532.6	3.76	3.75	-0.31
7,615.0	92.80	179.60	7,127.2	-540.8	-338.0	563.5	2.04	0.65	-1.94
7,711.0	90.20	179.60	7,124.7	-636.8	-337.4	659.1	2.71	-2.71	0.00
7,774.0	90.40	180.00	7,124.4	-699.8	-337.2	722.0	0.71	0.32	0.63
7,806.0	90.40	179.90	7,124.2	-731.8	-337.1	753.9	0.31	0.00	-0.31
7,900.0	90.70	179.30	7,123.2	-825.8	-336.5	847.6	0.71	0.32	-0.64
7,996.0	90.10	179.40	7,122.6	-921.8	-335.4	943.3	0.63	-0.63	0.10
8,091.0	90.60	178.20	7,122.0	-1,016.8	-333.4	1,037.9	1.37	0.53	-1.26
8,187.0	90.90	179.30	7,120.7	-1,112.7	-331.3	1,133.4	1.19	0.31	1.15
8,283.0	90.90	181.90	7,119.2	-1,208.7	-332.3	1,229.2	2.71	0.00	2.71
8,378.0	89.20	183.40	7,119.2	-1,303.6	-336.7	1,324.2	2.39	-1.79	1.58
8,473.0	89.80	182.60	7,120.0	-1,398.5	-341.7	1,419.2	1.05	0.63	-0.84
8,569.0	91.00	181.90	7,119.3	-1,494.4	-345.4	1,515.1	1.45	1.25	-0.73
8,663.0	89.10	181.70	7,119.2	-1,588.3	-348.4	1,609.0	2.03	-2.02	-0.21
8,758.0	89.50	181.60	7,120.4	-1,683.3	-351.1	1,704.0	0.43	0.42	-0.11
8,853.0	90.40	181.10	7,120.5	-1,778.3	-353.4	1,798.8	1.08	0.95	-0.53
8,949.0	90.70	181.20	7,119.5	-1,874.2	-355.3	1,894.7	0.33	0.31	0.10
9,045.0	90.90	180.40	7,118.2	-1,970.2	-356.6	1,990.6	0.86	0.21	-0.83
9,140.0	90.90	180.40	7,116.7	-2,065.2	-357.3	2,085.3	0.00	0.00	0.00
9,236.0	91.80	180.40	7,114.5	-2,161.2	-358.0	2,181.1	0.94	0.94	0.00
9,330.0	91.20	178.10	7,112.0	-2,255.1	-356.7	2,274.7	2.53	-0.64	-2.45
9,426.0	91.30	177.40	7,109.9	-2,351.0	-353.0	2,370.1	0.74	0.10	-0.73
9,520.0	91.50	177.30	7,107.6	-2,444.9	-348.6	2,463.5	0.24	0.21	-0.11
9,615.0	91.30	178.60	7,105.3	-2,539.8	-345.2	2,557.9	1.38	-0.21	1.37
9,711.0	90.20	180.00	7,104.0	-2,635.8	-344.1	2,653.6	1.85	-1.15	1.46
9,807.0	91.30	179.20	7,102.8	-2,731.8	-343.4	2,749.2	1.42	1.15	-0.83
9,902.0	90.80	179.50	7,101.0	-2,826.7	-342.3	2,843.9	0.61	-0.53	0.32
9,996.0	89.70	180.90	7,100.6	-2,920.7	-342.6	2,937.7	1.89	-1.17	1.49
10,091.0	90.70	180.40	7,100.3	-3,015.7	-343.7	3,032.5	1.18	1.05	-0.53
10,186.0	91.00	180.90	7,098.9	-3,110.7	-344.8	3,127.3	0.61	0.32	0.53
10,281.0	89.10	179.40	7,098.8	-3,205.7	-345.0	3,222.1	2.55	-2.00	-1.58
10,377.0	89.70	178.60	7,099.8	-3,301.7	-343.4	3,317.7	1.04	0.63	-0.83
10,472.0	90.30	177.80	7,099.8	-3,396.6	-340.4	3,412.2	1.05	0.63	-0.84
10,567.0	91.20	176.70	7,098.6	-3,491.5	-335.8	3,506.5	1.50	0.95	-1.16
10,662.0	90.80	175.90	7,096.9	-3,586.3	-329.7	3,600.7	0.94	-0.42	-0.84
10,757.0	90.20	178.10	7,096.1	-3,681.2	-324.7	3,694.9	2.40	-0.63	2.32
10,853.0	91.00	179.20	7,095.1	-3,777.1	-322.5	3,790.5	1.42	0.83	1.15
10,947.0	88.20	177.90	7,095.7	-3,871.1	-320.1	3,884.0	3.28	-2.98	-1.38
11,042.0	88.60	177.80	7,098.4	-3,966.0	-316.5	3,978.4	0.43	0.42	-0.11
11,138.0	90.80	178.20	7,098.9	-4,061.9	-313.2	4,073.9	2.33	2.29	0.42
11,232.0	90.60	179.00	7,097.7	-4,155.9	-310.9	4,167.5	0.88	-0.21	0.85

Survey Report

Company:	BILL BARRETT CORP	Local Co-ordinate Reference:	Site Merritt 6-66-9 Pad
Project:	WELD COUNTY, COLORADO	TVD Reference:	Revised @ 4844.0usft (Nabors 22)
Site:	Merritt 6-66-9 Pad	MD Reference:	Revised @ 4844.0usft (Nabors 22)
Well:	Merritt 6-66-9-0560BH	North Reference:	True
Wellbore:	Nabors #22	Survey Calculation Method:	Minimum Curvature
Design:	Nabors #22	Database:	Rocky Mountain R5000 Database

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
11,328.0	90.60	180.00	7,096.7	-4,251.9	-310.0	4,263.2	1.04	0.00	1.04	
11,422.0	90.50	181.00	7,095.8	-4,345.9	-310.9	4,357.0	1.07	-0.11	1.06	
11,518.0	90.80	181.90	7,094.7	-4,441.8	-313.3	4,452.9	0.99	0.31	0.94	
11,552.0	90.50	182.10	7,094.3	-4,475.8	-314.5	4,486.8	1.06	-0.88	0.59	
11,604.0	90.50	182.10	7,093.9	-4,527.8	-316.4	4,538.8	0.00	0.00	0.00	
Projected Survey to 11,604' MD - M 0560BH PBHL										

Casing Points					
Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")	
7,315.0	7,095.3	7"	7	8-3/4	

Survey Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
763.0	763.0	2.6	-1.0	Tie On to Gyro Survey	
11,604.0	7,093.9	-4,527.8	-316.4	Projected Survey to 11,604' MD	

Checked By: _____ Approved By: _____ Date: _____